

RECEIVED Environmental Services Department
San Jose-Santa Clara Regional Wastewater Facility
2017 SEP 29 PM 1:28

**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

Mr. Wayne Kino
Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Re: Title V Semi-Annual Report
March 1, 2017 to August 31, 2017
San Jose/Santa Clara Regional Wastewater Facility
700 Los Esteros Road, San Jose, CA 95134
Facility No. A0778

Dear Mr. Kino:

This letter and the attached table comprise Title V Semi-annual report for the San Jose-Santa Clara Regional Wastewater Facility (RWF) covering the period from March 1, 2017 through August 31, 2017. The RWF was in compliance with all applicable requirements during the reporting period except for the two issues noted in this letter.

A summary of compliance provisions is included in the attached table. The basis for the compliance determination is listed in the Results column. The monitoring data, source test reports, and records the form the complete compliance record are available for inspection on site.

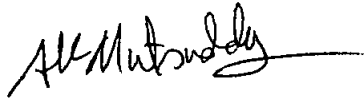
The RWF submitted RCA No. 07C90 for an exceedance of the heat input limit to S-36 in Condition No. 17900 part 15 that occurred on March 13, 2017. The exceedance and corrective actions were presented in a 10/30 day follow-up letter dated April 24, 2017. The BAAQMD issued NOV No. A55693 to the incident. A resolution of the NOV is pending.

Blue Sky Environmental conducted a source test on cogeneration engine EG-1 (S-54) on May 31, 2017. A review of the source test report conducted during preparation of this semi-annual report revealed that the S-54 had exceeded the PM₁₀ emission limit during the May 31 test. This exceedance was reported to the BAAQMD within 10 days of discovery in a letter dated September 22, 2017. A source test, scheduled for September 28, 2017, is intended to demonstrate that the source is in compliance with the PM₁₀ emission limit. Additional information will be submitted in separate correspondence.

If there are any questions, or if additional information is required, please contact Jason Nettleton, Air Compliance Manager, at (408) 635-4036.

Based on information and belief formed after reasonable inquiry, I certify that the information presented in this Semi-Annual Report is true, accurate, and complete.

Sincerely,



Amit Mutsuddy
Deputy Director
Regional Wastewater Facility

Enclosures:

1. Semi-Annual Report Table

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E), 8760 hrs of operation (8760 hrs

Table VII— A

Applicable Limits and Compliance Monitoring Requirements

S-5, Stationary Internal Combustion Engine, Plt E2, Location P&E

S-7, Stationary Internal Combustion Engine, Plt E5, Location P&E

***Note: E2 (S-5) Decommissioned on 2/23/2017; E5 (S-7) Decommissioned on 2/25/2017.**

Table VII— B

Applicable Limits and Compliance Monitoring Requirements

S-9, Stationary Internal Combustion Engine, Plt A3, Location SBC

S-10, Stationary Internal Combustion Engine, Plt A2, Location SBC

S-11, Stationary Internal Combustion Engine, Plt A1, Location SBC

S-12, Stationary Internal Combustion Engine, Plt B1, Location SBC

S-13, Stationary Internal Combustion Engine, Plt B2, Location SBC

S-14, Stationary Internal Combustion Engine, Plt B3, Location SBC

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
NO _x	BAAQMD Regulation 9-8-302.1	Y	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17899, Part 9.b	P/ 8760 hrs	S-9 26.3 ppm, 3/22/17 S-10 18.1 ppm, 4/18/16 S-11 24.5 ppm 12/20/16 S-12 54 ppm 3/14/14 (Offline) S-13 24.5 ppm 1/21/16 S-14 18.5 ppm 3/22/17
NO _x	BAAQMD Regulation 9-8-302.1	N	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S-9 32 ppm, 5/8/17 S-10 29 ppm 5/8/17 S-11 46 ppm 5/8/17 S-12 Offline S-13 40 ppm 5/9/17 S-14 38 ppm 5/11/17
CO	BAAQMD Condition 17899, Part 3	Y	1620 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17899, Part 9.b	P/ 8760 hrs	S-9 267.1 ppm 3/22/17 S-10 275.6 ppm 4/18/16 S-11 273 ppm 12/10/16 S-12 54 ppm 3/14/14 (Offline) S-13 273 ppm 1/21/16 S-14 313.9 ppm 3/22/17
CO	BAAQMD Regulation 9-8-302.3	N	2000 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S-9 315 ppm, 5/8/17 S-10 279 ppm 5/8/17 S-11 277 ppm 5/8/17 S-12 Offline S-13 344 ppm 5/9/17 S-14 262 ppm 5/11/17
NMHC	BAAQMD Condition 17899, Part 4	Y	225 ppmv for Digester gas @ 15% O ₂ , dry 108 ppm for Landfill gas @ 3% O ₂ dry	BAAQMD Condition 17899, Part 9.b&c	P/ 8760 hrs	S-9 54.1 ppmv 3/22/17 S-10 51.9 ppm 4/18/16 S-11 55.8 ppm 12/20/16 S-12 64 ppm 3/14/14 (Offline) S-13 55.8 ppm 1/21/16 S-14 67.6 ppm 3/22/17

RECEIVED
 2017 SEP 29 PM 1:28
 BAY AREA AIR QUALITY
 MANAGEMENT DISTRICT

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— B (cont.)

Applicable Limits and Compliance Monitoring Requirements

S-9, Stationary Internal Combustion Engine, Plt A3, Location SBC
S-10, Stationary Internal Combustion Engine, Plt A2, Location SBC
S-11, Stationary Internal Combustion Engine, Plt A1, Location SBC
S-12, Stationary Internal Combustion Engine, Plt B1, Location SBC
S-13, Stationary Internal Combustion Engine, Plt B2, Location SBC
S-14, Stationary Internal Combustion Engine, Plt B3, Location SBC

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
SO ₂	BAAQMD Regulation 9-1-302	Y	300 ppmv outlet SO ₂ 350 ppmv TRS digester gas	BAAQMD Condition 17741, Part 4	P/W	Digester gas maximum reading: 251 ppm, 7/12/17
Key Parameter	BAAQMD Regulation 8-34-509	Y	Cylinder Temperature >600 degrees F	BAAQMD Condition 17898, Part 8a	Continuous	Landfill gas was not combusted during the reporting period.
Gas Flow	BAAQMD Regulation 8-34-508	Y	Record Every 5 Minutes	BAAQMD Condition 17898, Part 7a	P/15 minutes	S9 Recorded every 5 minutes S10 Recorded every 5 minutes S11 Recorded every 5 minutes S12 Recorded every 5 minutes S13 Recorded every 5 minutes S14 Recorded every 5 minutes
Heat Input	BAAQMD Condition 17899 Part 5	Y	Not to exceed S9: 525.4 MM Btu/per day S10: 525.4 MM Btu/per day S11: 525.4 MM Btu/per day S12: 415.5 MM Btu/per day S13: 415.5 MM Btu/per day S14: 415.5 MM Btu/per day	BAAQMD Condition 17899, Part 5	P/M	S-9 max: 418.9 S-10 max: 421.3 S-11 max: 391.3 S-12 Offline S-13 max: 281.7 S-14 max: 304.1

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— C

Applicable Limits and Compliance Monitoring Requirements

S-15, Paint Spray Booth

S-16, Paint Spray Booth

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Results
Coating Throughput	BAAQMD Condition 17737 Part 1	Y	Coatings 50 gal/12 months/source	BAAQMD Condition 17737 Part 3	P/D	S15 0 gals of coatings used in last 12 months S16 14.8 gals of coatings used in last 12 months
Primer Throughput	BAAQMD Condition 17737 Part 1	Y	Primer 50 gal/12 months/source	BAAQMD Condition 17737 Part 3	P/D	S15 0 gals of primer used in last 12 months S-16 3.0 gals of primer used in last 12 months
Solvent Throughput	BAAQMD Condition 17737 Part 2	Y	Methyl Ethyl Ketone 50 gal/12 months Mineral Spirits 50 gal/12 months	BAAQMD Condition 17737 Part 3	P/D	S15 27 gals of MEK used in last 12 months S16 27 gals of MEK used in last 12 months
VOC	BAAQMD Regulation 8-19-301.1	Y	Baked Coating 2.3 lb/gal max VOC	BAAQMD Regulation 8-19-501	P/W	No baked coatings used.
VOC	BAAQMD Regulation 8-19-301.1	Y	Air Dried Coating 2.8 lb/gal max VOC	BAAQMD Regulation 8-19-501	P/W	VOC content of each coating used is less than 2.8 lb/gal.

Table VII— D

Applicable Limits and Compliance Monitoring Requirements

S-26, Gasoline Dispensing Island

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Results
Gasoline Throughput	BAAQMD Condition 17738 Part 1	N	50,000 gallons	BAAQMD Condition 17738, Part 2	P/D	Gallons 13,918 gallons 9/1/16 to 8/31/17
Fugitive Emissions	BAAQMD Condition 24298 Part 3		< 3 drops/minute - liquids < 100 % of LEL - vapor	BAAQMD Condition 24298 Part 4	P/A	Testing Conducted 8/1/17
Dispensing Rates	BAAQMD Condition 24298 Part 7		Dispensing rate between 6 and 10 gpm	BAAQMD Condition 24298 Part 4	P/A	Testing Conducted 8/1/17

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— E

Applicable Limits and Compliance Monitoring Requirements

S-36, Engine Generator 1 - Cogen Unit, Plt EG2

S-37, Engine Generator 2 - Cogen Unit, Plt EG3

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
NO _x	BAAQMD Regulation 9-8-302.1	Y	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17900, Part 10	P/ 8760 hrs	S36 25 ppm 4/30/15 S37 29.5 ppm 4/19/16
NO _x	BAAQMD Regulation 9-8-302.1	N	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S36<70 37.5 ppm 2/17/17 S37<70 56.5 ppm 2/17/17 Engines offline for ISO Upgrade in second quarter.
NO _x	BAAQMD Condition 17900 Part 2	Y	1.6 gram/bhp-hr	BAAQMD Condition 17900 Part 10.b	P/ 8760 hrs	S37 0.36 g/bhp-hr 4/30/15 S37 0.47 g/bhp-hr 4/19/16
NO _x	BAAQMD Condition 17900 Part 16	Y	774 lb/24 hours combined emissions from S-36, S-37, S-38 and S-39	BAAQMD Condition 17900 Part 18	P/M	Combined emissions 100.5 lb on maximum day during compliance period
CO	BAAQMD Regulation 9-8-302.3	Y	2000 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17900, Part 10	P/ 8760 hrs	S36 227 ppm 4/30/15 S37 373.3 ppm 4/19/16
CO	BAAQMD Regulation 9-8-302.3	N	2000 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S36 247.5 ppm 2/17/17 S37 219 ppm 2/17/17 Engines offline for ISO Upgrade in second quarter.
CO	BAAQMD Condition 17900 Part 3	Y	546 lb/24 hr period/engine	BAAQMD Condition 17900 Part 10.b	P/ 8760 hrs	S-36 352 lb/day 4/30/15 source test S-37 373.3 lb/day 4/19/16 source test
SO ₂	BAAQMD Regulation 9-1-302	Y	300 ppmv outlet SO ₂ 350 ppmv TRS digester gas	BAAQMD Condition 17741, Part 4	P/W	Digester gas maximum reading: 251 ppm, 7/12/17
SO ₂	BAAQMD Condition 17900 Part 17	Y	150 lb/24 hours combined emissions from S-36, S-37, S-38 and S-39	BAAQMD Condition 17900 Part 18	P/M	Combined emissions 22.0 lb on maximum day during compliance period
FP	BAAQMD Condition, 17900 Part 4	Y	36.4 lb/24 hr period	BAAQMD Condition 17900 Part 10.b	P/ 8760 hrs	S-36 4.7 lb/day 6/22/15 source test S-37 11.0 lb/day 4/19/16 source test

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— E (cont.)

Applicable Limits and Compliance Monitoring Requirements

S-36, Engine Generator 1 - Cogen Unit, Plt EG2

S-37, Engine Generator 2 - Cogen Unit, Plt EG3

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
NMHC	BAAQMD Condition 17900 part 5a	Y	87.8 lb/24 hr period	BAAQMD Condition 17900 Part 10.c	P/ 8760 hrs	S-36 56.2 lb/day 4/30/15 source test S-37 26.5 lb/day 4/19/16 source test
NMHC	BAAQMD Condition 17900 Part 5b.	Y	108 ppm for Landfill gas @ 3% O ₂ dry	BAAQMD Condition 17900 Part 10.c	P/ 8760 hrs	Landfill gas was not combusted during the reporting period.
Heat Input	BAAQMD Condition 17900 Part 6	Y	Not to exceed S36: 792 MM Btu/per day S37: 792 MM Btu/per day	BAAQMD Condition 17900 Part 18	P/M	S36 560.8 MMBTU/day maximum S37 640.7 MMBTU/day maximum
Key Parameter	BAAQMD Regulation 8-34-509	Y	Cylinder Temperature >600 degrees F	BAAQMD Condition 17900 Part 9a	Continuous	Landfill gas was not combusted during the reporting period.
Gas Flow	BAAQMD Regulation 8-34-508	Y	Record Every 5 Minutes	BAAQMD Condition 17900 Part 8a	P/15 minutes	S36 Recorded every 5 minutes S37 Recorded every 5 minutes

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— F

Applicable Limits and Compliance Monitoring Requirements

S-38, Commercial Boiler, 12.5 MM BTU/hr

S-39, Commercial Boiler, 12.5 MM BTU/hr

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
NO _x	BAAQMD Regulation 9-7-307.3	Y	15 ppmv, dry @ 3% O ₂	BAAQMD Condition 17900 Part 19 & 20	P/A	S38 11.6 ppm 1/10/17 S39 7 ppm 1/10/17
NO _x	BAAQMD Condition 17900 Part 16	Y	774lbs/24hr combined emissions from S-36-37-38, and 39	BAAQMD Condition 17900 Part 18	P/M	Combined emissions 100.5 lb on maximum day during compliance period
CO	BAAQMD Regulation 9-7-301.3	Y	400 ppmv, dry @ 3% O ₂	BAAQMD Condition 17900, Part 19	P/A	S38 0.7 ppm 1/10/17 S39 0.7 ppm 1/10/17
SO ₂	BAAQMD Regulation 9-1-302	Y	300 ppmv outlet SO ₂ 350 ppmv TRS digester gas	BAAQMD Condition 17741, Part 4	P/W	Digester gas maximum reading: 251 ppm, 7/12/17
SO ₂	BAAQMD Condition 17900, Part 17	Y	150lb/24 hr combined emissions from S-36-37-38, and 39	BAAQMD Condition 17900 Part 18	P/M	Combined emissions 22.0 lb on maximum day during compliance period
Heat Input	BAAQMD Condition 17900, Part 15	Y	Not to exceed S38: 12.5 MM Btu/hr S39: 12.5 MM Btu/hr	BAAQMD Condition 17900 Part 18	P/M	S38 12.7 MMBTU/hr maximum NOV No. A55693 issued 4/28/17 S39 10.6 MMBTU/hr maximum

Table VII— G

Applicable Limits and Compliance Monitoring Requirements

S-52, Sand Blast Operations

Paint & Sand Blasting

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
Usage	BAAQMD Condition 9055 Part 1	Y	30 tons/12 months	BAAQMD Condition 9055 Part 2	P/M	13.9 tons in past 12 months ending 8/31/2017

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— H

Applicable Limits and Compliance Monitoring Requirements

S-54, Engine Generator, 12 - Cylinder Turbocharged LSVB, Plt EG1

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
NO _x	BAAQMD Regulation 9-8-302.1	Y	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17901 Part 14.b	P/ 8760 hrs	S54 48.4 ppm 5/31/17
NO _x	BAAQMD Regulation 9-8-302.1	N	70 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S54 64 ppmv 3/14/17 S54 46 ppm 5/11/17
NO _x	BAAQMD Condition 17901 Part 5	Y	0.9 gram/bhp-hr	BAAQMD Condition 17901 Part 14.b	P/ 8760 hrs	S54 0.8 g/bhp-hr 5/31/17
NO _x	BAAQMD Condition 17901 Part 9	Y	36.2 tons/yr	BAAQMD Condition 17901 Part 15	P/D & P/M	S54 6.8 tons NO _x emitted in 12-months ending 8/31/17
CO	BAAQMD Regulation 9-8-302.3	Y	2000 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Condition 17900, Part 14	P/ 8760 hrs	S54 250.2 ppm 5/31/17
CO	BAAQMD Regulation 9-8-302.3	N	2000 ppmv @ 15% O ₂ , dry (waste gas combustion)	BAAQMD Regulation 9-8-503	Quarterly portable analyzer	S54 283 ppmv 3/14/17 S54 272 ppm 5/11/17
CO	BAAQMD Condition 17901, Part 6	Y	2.97 grams/bhp-hr	BAAQMD Condition 17900 Part 14.b	P/ 8760 hrs	S54 2.53 g/bhp-hr 5/31/17
CO	BAAQMD Condition 17901 Part 9	Y	119.4 tons/yr	BAAQMD Condition 17901 Part 15	P/D & P/M	S54 22.7 tons CO emitted in 12-months ending 8/31/17
NMHC	BAAQMD Condition 17901 Part 7a	Y	0.72 grams/bhp-hr	BAAQMD Condition 17901 Part 14c	P/ 8760 hrs	S54 0.06 g/bhp-hr 5/31/17
NMHC	BAAQMD Condition 17901 Part 7b.	Y	108 ppm for Landfill gas @ 3% O ₂ dry	BAAQMD Condition 17901 Part 14c	P/ 8760 hrs	Landfill gas was not combusted during the reporting period.
NMHC	BAAQMD Condition 17901 Part 9	Y	28.9 tons/yr	BAAQMD Condition 17901 Part 15	P/D & P/M	S54 2.7 tons NMHC emitted in 12-months ending 8/31/17

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— H (cont.)

Applicable Limits and Compliance Monitoring Requirements

S-54, Engine Generator, 12 - Cylinder Turbocharged LSVB, Plt EG1

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
Heat Input	BAAQMD Condition 17901 Part 2	Y	Not to exceed S54: 763 MM Btu/per day	BAAQMD Condition 17901 Part 15	P/M	S36 592.8 MMBTU/day maximum
Key Parameter	BAAQMD Regulation 8-34-509	Y	Cylinder Temperature >600 degrees F	BAAQMD Condition 17901 Part 13a	Continuous	Landfill gas was not combusted during the reporting period.
Gas Flow	BAAQMD Regulation 8-34-508	Y	Record Every 5 Minutes	BAAQMD Condition 17901 Part 12a	P/15 minutes	S54 Recorded every 5 minutes
SO ₂	BAAQMD Regulation 9-1-302	Y	300 ppmv outlet SO ₂ 350 ppmv TRS digester gas	BAAQMD Condition 17741, Part 4	P/W	Digester gas maximum reading: 251 ppm, 7/12/17
SO ₂	BAAQMD Condition 17901 Part 9	Y	7.2 tons/yr	BAAQMD Condition 17901 Part 15	P/D & P/M	S54 0.7 tons SO2 emitted in 12-months ending 8/31/17
Diesel Sulfur Content	BAAQMD condition 17901 Part 4	Y	0.0015% by weight	BAAQMD Condition 17901 Part 4	P/E	CARB dyed 15ppm sulfur verified on delivery receipt
Heat Input	BAAQMD Regulation 9-8-306	N	Use of diesel for less than 5% of fuel input	BAAQMD Regulation 9-8-502.2	P/M	Diesel fuel average 1.7% of heat input for compliance period.
Heat Input	40 CFR 63.6675	Y	Use of diesel for less than 2% of fuel input (to be considered spark ignition)	BAAQMD Regulation 9-8-502.2	P/M	Diesel fuel average 1.7% of heat input for compliance period.
Heat Input	BAAQMD Condition 17901, Part 1	Y	27,000 gal/yr diesel fuel	BAAQMD Condition 17901, Part 15	P/M	9,920 gallons used 12-month ending 8/31/2017
PM10	BAAQMD Condition 17901 Part 8	Y	0.068 grams/bhp-hr	BAAQMD Condition 17901, Part 14.b	P/A	S54 0.088 g/bhp-hr 5/31/17 Exceedance discovered during preparation of semi-annual report and reported on 9/22/17.
PM10	BAAQMD Condition 17901 Part 9	Y	3.1 tons/yr	BAAQMD Condition 17901, Part 15	P/D & P/M	S54 0.6 tons PM10 emitted in 12-months ending 8/31/17

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— I

Applicable Limits and Compliance Monitoring Requirements

S-55, IC Engine Bldg 40 500 KW

S-56, IC Engine Bldg CL 250 KW

S-57, IC Engine P&E, 500 KW

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
Reliability-Related Hours	BAAQMD Condition 22820 Part 1	N	20 hrs/yr	BAAQMD Condition 22820 Parts 3 & 4	P/M	S-55 1.0 hours year to date S-56 1.8 hours year to date S-57 0.0 hours year to date

Table VII— J

Applicable Limits and Compliance Monitoring Requirements

S-66, S-222, S-223, S-224, S-225 - Emergency IC Generators, Diesel

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
Reliability-Related Hours	BAAQMD Condition 22850 Part 1	N	50 hrs/yr	BAAQMD Condition 22850 Parts 3 & 4	P/M	S-66 0.7 hours year to date S-222 37.4 hours year to date S-223 43.4 hours year to date S-224 39.8 hours year to date S-225 38.9 hours year to date

Table VII— K

Applicable Limits and Compliance Monitoring Requirements

S-100, Municipal wastewater Treatment Plant

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	RESULTS
Wastewater Throughput	BAAQMD Condition 17740 Part 1	Y	167 MGD design 360 MGD peak wet	BAAQMD Condition 17740 Part 2	P/W	Maximum during compliance period 123.6 MG 3/5/17

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT
SAN JOSE CA BAAQMD PERMIT #778
SEMI-ANNUAL MONITORING REPORT
REPORTING PERIOD: March 1, 2017 to August 31, 2017

Table VII— L

Applicable Limits and Compliance Monitoring Requirements
S-210, Anaerobic Digesters

Type of Limit	Citation for Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Results
Flare Throughput	BAAQMD Condition 17741, Part 2.a.ii.3		74,200 Mscf/12-months	BAAQMD Condition 17741, Parts 6 & 20	P/M	25,687.5 Mscf for 12-months ending 8/31/2017
Digester Gas Sulfur Content	BAAQMD Condition 17741, Part 3a	Y	350 ppm	BAAQMD Condition 17741 Part 5	P/W	Digester gas maximum reading: 251 ppm, 7/12/17
SO ₂	BAAQMD Condition 17741, Part 4		12.722 tons/year SO ₂ 742,000 mscf production	BAAQMD Condition 17741 Part 5	P/M	Not applicable until after startup of thermophilic digester operation